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July 31, 2003

Attorney Docket No. LUM-M-12775 US

Mail Stop Patent Application  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Enclosed herewith for filing is a patent application, as follows:

Inventor(s): Michael D. Camras, Gerard Harbers, William R. Imler, Matthijs H. Keuper, Paul S. Martin, Douglas W. Pocius, Frank M. Steranka, Helena Ticha, Ladislav Tichy, R. Scott West

Title: Light Emitting Devices With Improved Light Extraction Efficiency

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 This Transmittal Letter  
 33 Page(s) Specification including Claims and Abstract  
 15 Sheet(s) of Drawings (Figs. 1A, 1B, 1C, 1D, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12A, 12B, 12C, 13A, 13B, 14A, 14B, 15A, 15B, 15C, 16, 17A, 17B, 17C, and 18)  
 8 Page(s) Declaration For Patent Application and Power of Attorney  
 1 Page(s) Form PTO-1449 Citing one (1) reference  
 A copy of the cited US Patent is not enclosed as per 37 CFR 1.98 (a)(2)(i)

CLAIMS AS FILED

For	Number Filed	Number Extra	Rate	Basic Fee
Total Claims	57	-20 = 37	x \$ 18.00	\$ 750.00
				\$ 666.00
Independent Claims	6	-3 = 3	x \$ 84.00	\$ 252.00
<input type="checkbox"/> Fee for Assignment Recordation				\$ 0.00

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CORRESPONDENCE ADDRESS

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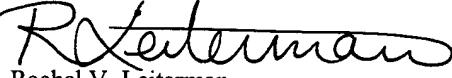


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PATENT TRADEMARK OFFICE

EXPRESS MAIL LABEL NO:  
 EV 325214623 US

Respectfully submitted,

  
 Rachel V. Leiterman  
 Attorney for Applicant(s)  
 Reg. No. 46,868

03944 U.S. PTO  
 10/633054  
  
 07/31/03